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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/808,911	03/25/2004	Jeffrey Beaver	20341-73967	8069
23643	7590	09/21/2005	EXAMINER	
BARNES & THORNBURG			JACKSON, ANDRE L	
11 SOUTH MERIDIAN			ART UNIT	
INDIANAPOLIS, IN 46204			PAPER NUMBER	

3677

DATE MAILED: 09/21/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/808,911

Applicant(s)

BEAVER ET AL.

Examiner

Andre' L. Jackson

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 25 March 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-24 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-6, 16, 17 and 21-24 is/are rejected.
- 7) ☒ Claim(s) 7-15 and 18-20 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 25 March 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 5/10/04; 10/4/04
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

*DETAILED ACTION*

***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-6, 16 and 17 are rejected under 35 U.S.C. 102(b) as being anticipated by USPN 1,516,152 to Dumont. Dumont discloses a doorknob assembly comprising;

a first support plate (11), a second support plate (12) coupled to the first support plate for pivoting movement about an axis, and a knob (10) rotatable about the axis and movable axially along the axis between a first axial position and a second axial position, the knob having a pair of stop members (9) extending forwardly from an inside wall of the knob, a rotation limiter comprising a lock member (2) coupled to the second support plate, the lock member having a pair of radial segments (3), a slip disc (6) rotatable about the axis, the slip disc having first and second tabs (7, 8), the first tab (7) being configured for receipt between the radial segments of the lock member when the knob is moved from the first position to the second position, and the second tab (8) being received between the stop members, and a spring (13) arranged to bias the slip disc for rotation with the knob.

As to claims 2-4, the slip disk rotates with the knob in a first direction (clockwise) during movement of the knob through a first angular displacement corresponding to movement of the first tab between the radial segments, and wherein the knob continues to rotate in the first direction relative to the slip disk through a second angular displacement corresponding to

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movement of the second tab between the stop members at least 60 degrees.

As to claims 5 and 6, a drive shaft (1) is rotatable about the axis, wherein the first support plate, the second support plate and the lock member are rotatably mounted on the drive shaft, wherein the knob is mounted on the drive shaft for rotation therewith, wherein the knob includes a hub portion (4), and wherein the slip disc is rotatably mounted on the hub portion between the lock member and the knob. Further, the drive shaft has a non-round portion (distal end), and wherein the hub portion of the knob has a complementary non-round bore for receiving a fastener, the knob is movable axially along the drive shaft between the first and second positions while transmitting the rotation of the knob to the drive shaft.

Claims 21 and 22 are rejected under 35 U.S.C. 102(b) as being anticipated by USPN 1,516,152 to Dumont. Dumont discloses a doorknob assembly comprising;

a first support plate (1), a second support plate (2) coupled to the first support plate for pivoting movement about an axis and a knob (10) rotatable about the axis and movable axially along the axis between a first axial position and a second axial position, the second support plate having a first tab-receiving space (4), the knob having a second tab- receiving space (interior of doorknob), a rotation limiter comprising a slip disc (6) rotatable about the axis, the slip disk having a first tab (7) and a second tab (8), the first tab moving into the first tab- receiving space when the knob is moved from the first position to the second position, the second tab being received in the second tab-receiving space.

Claim 23 is rejected under 35 U.S.C. 102(b) as being anticipated by USPN 1,516,152 to Dumont. Dumont discloses a doorknob assembly comprising;

a first hinge member (lock bolt handle in Fig.1), a second hinge member (11, 1, 2, 6, 10) coupled to the first hinge member for pivoting movement about an axis, the second hinge member having a first tab-receiving space (2), a knob (10) rotatable about the axis and movable axially along the axis between a first axial position and a second axial position, the knob having a second tab-receiving space (interior of doorknob/Fig.4), and a slip disk (6) rotatable about the axis, the slip disk having a main portion (5), a first tab (7) and a second tab (8), the first tab moving into the first tab-receiving space when the knob is moved from the first position to the second position, the second tab being received in the second tab-receiving space, the slip disk rotating with the knob in a first direction during movement of the knob through a first angular displacement corresponding to movement of the first tab through the first tab-receiving space, and the knob continuing to rotate in the first direction relative to the slip disk through a second angular displacement corresponding to movement of the second tab relative to the second tab-receiving space.

Claim 24 is rejected under 35 U.S.C. 102(b) as being anticipated by USPN 1,516,152 to Dumont. Dumont discloses a doorknob assembly comprising;

a first (lock bolt assembly in Fig. 1) hinge member and second (11, 1, 2, 6, 10) hinge member coupled together for rotation about an axis, a lock (latch tongue seen in Fig. 1) movable between a locking position in which the first and second hinge members are prevented from rotating about the axis and a releasing position in which the first and second hinge members are permitted to rotate about the axis, a knob (10) rotatable about the axis and movable along the

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axis, the lock moving from the locking position to the releasing position in response to movement of the knob axially toward the first and second hinge members and then rotation of the knob about the axis, and a rotation limiter (6) configured to limit the amount that the knob is able to rotate each time the knob is moved along the axis toward the first and second hinge members.

### *Allowable Subject Matter*

Claims 7-15 and 18-20 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims

### *Conclusion*

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. The other cited prior art references show the general structure of applicant's invention.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Andre' L. Jackson whose telephone number is (571) 272-7067. The examiner can normally be reached on Mon. - Fri. (9:30 am - 6 pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Judy J. Swann can be reached on (571) 272-7075. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

André L. Jackson  
Patent Examiner  
AU 3677

ALJ

  
**ROBERT J. SANDY**  
**PRIMARY EXAMINER**